
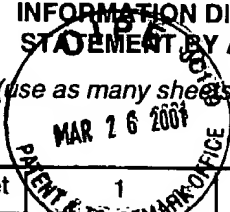
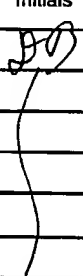


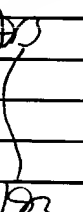
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		Applicant Number	09/737,015
		Filing Date	12/14/2000
		First Named Inventor	Robert Olodort
		Group Art Unit	To be assigned
Examiner Name	To be assigned		
Attorney Docket Number	003256.P010		
Sheet 1	of	28	

U.S. PATENT DOCUMENTS				
Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Number			
	2,956,795	E. E. Foster	10-18-1960	11-21-1958
	3,499,515	M.E. Mikrut	03-10-1970	12-11-1967
	3,574,335	Ricke	04-13-1971	11-26-1969
	3,576,569	Watson	04-27-1971	10-02-1968
	3,693,123	Pedersen	09-19-1972	11-04-1970
	3,703,040	Hill	11-21-1972	07-06-1970
	3,774,309	Leopoldi	11-27-1973	06-19-1972
	3,893,559	Hishida, et al.	07-08-1975	04-26-1974
	3,940,758	Margolin	02-24-1976	09-20-1974
	4,050,702	Del Matto	09-27-1977	04-13-1976

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	Office or Country	Number	Date			
	GB	2279617				Yes
	DE	195 02 704 A1	8-1-96	Tauber, Horst	01-28-1995	Yes
	DE	196 48 802 A1	5-28-98	Nagele, Frank	11-26-1996	Yes
	PCT	WO 99/18491	9-30-98	Katz, et al.	04-15-1999	Yes
	PCT	WO 99/26125	11-3-98	Ku, et al.	05-27-1999	Yes

OTHER DOCUMENTS		
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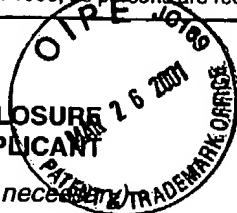
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First Named Invent r	Robert Olodort
Group Art Unit	To be assigned
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Sheet 2 of 28

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
	Number				
DB	4,066,850		Heys, Jr.	01-03-1978	06-04-1976
	4,068,369		Kaminski	01-17-1978	08-20-1976
	4,070,764		Rohlinger	01-31-1978	12-10-1976
	4,092,527		Luecke	05-30-1978	01-31-1977
	4,314,113		Nelson	02-02-1982	01-21-1980
	4,336,530		Koike, et al.	06-22-1982	01-16-1981
	4,354,068		Sobol, III	10-12-1982	02-04-1980
	4,360,716		Fiorella	11-23-1982	10-01-1980
	4,362,911		Sears, et al.	12-07-1982	09-17-1980
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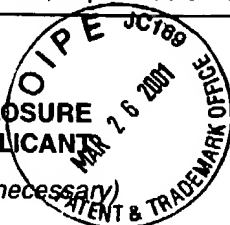
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Sheet 3 of 28

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P3		4,366,463	Barker	12-28-1982	05-22-1981
		4,368,364	Harbers, Jr.	01-11-1983	12-03-1980
		4,370,533	Kamei, et al.	01-25-1983	12-05-1980
		4,371,760	Muller	02-01-1983	03-05-1981
		4,375,017	Smith	02-22-1983	03-26-1980
		4,390,866	Engstrom	06-28-1983	02-19-1981
		4,392,037	Fleming	07-05-1983	06-04-1981
		4,433,225	Cowles	02-21-1984	02-22-1983
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P1		4,453,063	Wanatowicz, Jr., et al.	06-05-1984	08-03-1983

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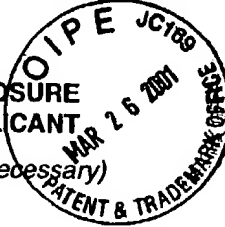
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Examiner Name	To be assigned
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Sheet 4 of 28

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	Number				
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	4,597,681		Hodges	07-01-1986	12-15-1983
	4,605,828		Gostomski, Jr., et al.	08-12-1986	05-29-1984
	4,633,227		Menn	12-30-1986	12-07-1983
	4,638,151		Suwa	01-20-1987	05-17-1985
	4,661,005		Lahr	04-28-1987	01-16-1984
DB	4,735,520		Suzuki, et al.	04-05-1988	07-17-1987

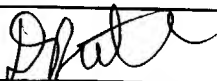
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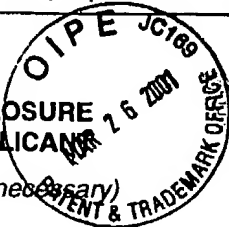
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Application Number	09/737,015
Filing Date	12/14/2000
First Named Inventor	Robert Olodort
Group Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	003256.P010

Sheet 5 of 28

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
<i>JS</i>	4,739,451	Kuba	04-19-1988	12-31-1986
	4,771,146	Suzuki, et al.	09-13-1988	11-30-1987
	4,795,888	MacFarlane	01-03-1989	07-13-1987
	4,815,784	Zheng	03-28-1989	02-05-1988
	4,848,828	Hunt	07-18-1989	03-24-1987
	4,850,233	Ishigo	07-25-1989	05-17-1988
	4,885,430	Kinser, Jr., et al.	12-05-1989	08-31-1988
	4,885,891	Lynch	12-12-1989	08-30-1988
	4,902,862	Oelsch, et al.	02-20-1990	05-12-1988
<i>JS</i>	4,914,999	Masubuchi, et al.	04-10-1990	09-02-1988

FOREIGN PATENT DOCUMENTS

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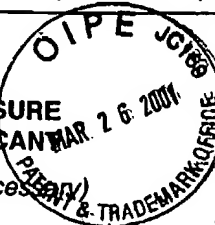
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Applicant Number	09/737,015
Filing Date	12/14/2000
First Named Inventor	Robert Olodort
Group Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	003256.P010

Sheet 6 of 28

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
	Number				
[Signature]	4,920,237		Eardley, et al.	04-24-1990	02-02-1989
	4,939,514		Miyazaki	07-03-1990	12-19-1988
	4,942,700		Hoberman	07-24-1990	10-27-1988
	4,948,232		Lange	08-14-1990	12-13-1984
	4,951,333		Kaiser, et al.	08-28-1990	12-19-1989
	4,996,522		Sunano	02-26-1991	09-18-1989
	5,003,140		Abell, Jr., et al.	03-26-1991	06-26-1989
	5,024,031		Hoberman	06-18-1991	04-06-1990
[Signature]	5,024,262		Huang	06-19-1991	10-13-1989
	5,034,573		Bonmassari, et al.	07-23-1991	06-11-1990

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	Number				
JD	5,035,460		Huang	07-30-1991	10-13-1989
	5,038,812		Norman	08-13-1991	08-18-1989
	5,044,798		Roylance, et al.	09-03-1991	10-09-1990
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	5,054,849		Hoff	10-08-1991	08-13-1990
	5,056,172		Kaiser, et al.	10-15-1991	07-23-1990
	5,067,834		Szmanda, et al.	11-26-1991	07-07-1989
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	5,115,106		Weiland, et al.	05-19-1992	03-15-1991

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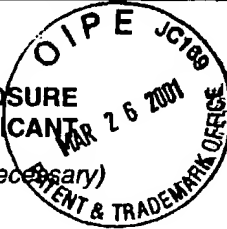


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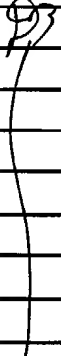



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		5,137,384	Spencer, et al.	08-11-1992	01-27-1992
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		5,167,100	Krishnapillai	12-01-1992	05-13-1988
		5,187,644	Crisan	02-16-1993	11-14-1991
		5,198,991	Pollitt	03-30-1993	11-30-1990
		5,210,846	Lee	05-11-1993	05-15-1989

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	5,220,521		Kikinis	06-15-1993	01-02-1992
	5,227,615		Oogita	07-13-1993	07-30-1991
	5,252,971		Franz, et al.	10-12-1993	03-18-1991
	5,256,843		Chiba, et al.	10-26-1993	02-19-1992
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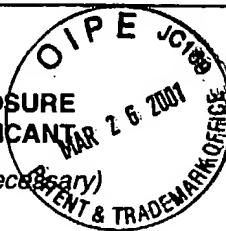
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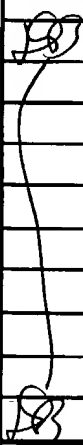


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Application Number	09/737,015
Filing Date	12/14/2000
First Named Inventor	Robert Olodort
Group Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	003256.P010

Sheet 10 of 28

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
	Number				
	5,278,371		Watanabe, et al.	01-11-1994	10-28-1992
	5,278,372		Takagi, et al.	01-11-1994	10-28-1992
	5,278,374		Takagi, et al.	01-11-1994	10-18-1992
	5,278,725		Konno, et al.	01-11-1994	04-07-1992
	5,278,779		Conway, et al.	01-11-1994	06-26-1992
	5,280,147		Mochizuki, et al.	01-18-1994	10-28-1992
	5,283,862		Lund	02-01-1994	04-16-1993
	5,287,245		Lucente, et al.	02-15-1994	11-13-1992
	5,289,023		Mead	02-22-1994	08-07-1992
	5,289,394		Lapeyre	02-22-1994	03-09-1993

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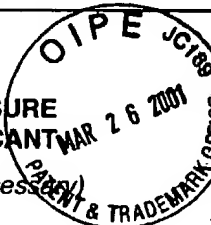
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	Office or Country	Number			
		5,295,089	Ambasz	03-15-1994	05-28-1992
		5,298,706	English, et al.	03-29-1994	08-13-1992
		5,304,764	Kobayashi	04-19-1994	02-19-1992
		5,306,886	Yamada	04-26-1994	06-15-1992
		5,310,973	Lee	05-10-1994	10-08-1991
		5,318,367	Braun, et al.	06-07-1994	08-26-1992
		5,321,795	Alvarez de Toledo	06-14-1994	05-24-1991
		5,324,902	Shen	06-28-1994	06-21-1993
		5,329,079	English, et al.	07-12-1994	02-12-1993
		5,329,084	Watanabe, et al.	07-12-1994	03-18-1993

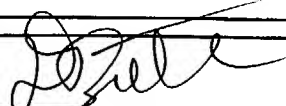
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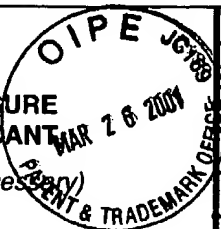
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Group Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	003256.P010

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		Number			
PB		5,334,976	Wang	08-02-1994	07-11-1990
		5,336,001	Lichtenberg	08-09-1994	08-04-1992
		5,339,097	Grant	08-16-1994	03-06-1992
		5,339,213	O'Callaghan	08-16-1994	11-16-1992
		5,341,133	Savoy, et al.	08-23-1994	05-09-1991
		5,341,154	Bird	08-23-1994	12-27-1991
		5,345,362	Winkler	09-06-1994	04-29-1993
		5,349,303	Gerpheide	09-20-1994	07-02-1993
		5,351,843	Wichman, et al.	10-04-1994	04-27-1992
		5,355,148	Anderson	10-11-1994	01-14-1993

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		5,378,069	Bowen	01-03-1995	12-15-1993
		5,382,762	Mochizuki	01-17-1995	06-02-1993
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		5,394,959	Cullity, et al.	03-07-1995	12-15-1992
		5,398,326	Lee	03-14-1995	02-19-1993
		5,398,585	Starr	03-21-1995	12-27-1991

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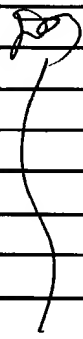

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				Filing Date	12/14/2000
				First Named Inventor	Robert Olodort
				Group Art Unit	To be assigned
				Examiner Name	To be assigned
Sheet 14 of 28	Attorney Docket Number 003256.P010				

U.S. PATENT DOCUMENTS				
Examiner Initials *	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
	5,399,822	Sato, et al.	03-21-1995	07-09-1993
	5,410,333	Conway	04-25-1995	11-12-1993
	5,410,447	Miyagawa, et al.	04-25-1995	08-31-1993
	5,416,498	Grant	05-16-1995	05-17-1993
	5,422,447	Spence	06-06-1995	04-14-1994
	5,424,516	Emmons	06-13-1995	09-23-1993
	5,424,728	Goldstein	06-13-1995	01-05-1993
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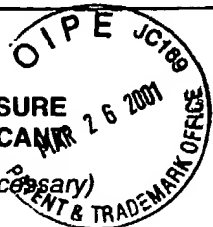
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Applicati n Numb r	09/737,015
Filing Dat	12/14/2000
First Named Inv ntor	Robert Olodort
Group Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	003256.P010

Sheet 15 of 28

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date If Appropriate
		Number			
B3		5,440,502	Register	08-08-1995	12-26-1991
		5,454,652	Huellemeier, et al.	10-03-1995	11-12-1993
		5,457,297	Chen	10-10-1995	04-20-1994
		5,457,453	Chiu, et al.	10-10-1995	08-16-1993
		5,459,461	Crowley, et al.	10-17-1995	07-29-1993
		5,463,195	Watanabe, et al.	10-31-1995	12-23-1993
		5,466,901	Mochizuki	11-14-1995	10-05-1994
		5,476,332	Cleveland, Jr.	12-19-1995	05-31-1994
		5,481,074	English	01-02-1996	06-18-1993
B3		5,488,210	Shigetaka, et al.	01-30-1996	02-16-1995

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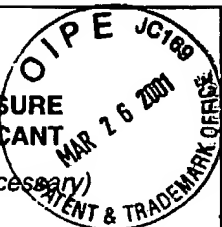
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First Named Invent r	Robert Olodort
Group Art Unit	To be assigned
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Attorney Docket Number	003256.P010

Sheet 16 of 28

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
	Office or Country	Number			
D		5,494,363	Hochgesang	02-27-1996	03-08-1994
		5,499,857	Lynch, Jr.	03-19-1996	11-18-1994
		5,502,460	Bowen	03-26-1996	08-02-1994
		5,504,283	Kako, et al.	04-02-1996	12-23-1993
		5,512,719	Okada, et al.	04-30-1996	10-27-1994
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		5,525,979	Engle, et al.	06-11-1996	08-14-1995
		5,527,875	Yokoyama, et al.	06-18-1996	02-09-1995
		5,531,529	Nusser	07-02-1996	01-26-1995
D		5,532,904	Sellers	07-02-1996	06-30-1994

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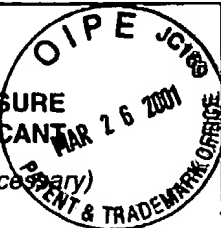
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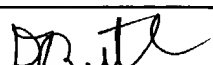
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	5,543,790		Goldstein	08-06-1996	05-03-1995
	5,555,971		Takada	09-17-1996	07-06-1995
	5,557,057		Starr	09-17-1996	01-14-1994
	5,562,203		Mochizuki	10-08-1996	09-11-1995
	5,574,481		Lee	11-12-1996	01-31-1994
	5,575,576		Roysden, Jr.	11-19-1996	12-13-1993
	5,579,033		Rutledge, et al.	11-26-1996	05-20-1992
	5,587,875		Sellers	12-24-1996	08-16-1995
B3	5,588,759		Cloud	12-31-1996	01-11-1996

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DB		5,590,020	Sellers	12-31-1996	07-18-1995
		5,591,927	Kawamura, et al.	01-07-1997	10-22-1993
		5,594,067	Doi, et al.	01-14-1997	04-20-1993
		5,595,449	Vitkin	01-21-1997	12-21-1995
		5,596,480	Manser, et al.	01-21-1997	03-28-1994
		5,597,067	Yoneyama	01-28-1997	11-02-1994
		5,602,715	Lempicki, et al.	02-11-1997	03-04-1996
		5,610,601	Lahti, et al.	03-11-1997	09-19-1995
		5,612,691	Murmann, et al.	03-18-1997	03-02-1995
DB		5,621,401	Jeon, et al.	04-15-1997	07-24-1995

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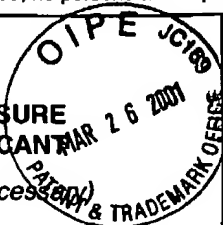
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Applicati n Num b r	09/737,015
Filing Dat	12/14/2000
First Nam d Inv nt r	Robert Olodort
Group Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	003256.P010

Sheet 19 of 28

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
	Number				
DS	5,621,610		Moore, et al.	04-15-1997	06-04-1996
	5,625,532		Sellers	04-29-1997	10-10-1995
	5,629,694		Simon, et al.	05-13-1997	11-30-1995
	5,630,501		Tsay	05-20-1997	06-20-1996
	5,635,928		Takagi, et al.	06-03-1997	12-08-1995
	5,642,110		Raasch, et al.	06-24-1997	09-27-1994
	5,644,338		Bowen	07-01-1997	03-25-1996
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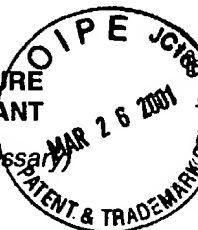


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Group Art Unit	To be assigned
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[Signature]	5,654,872		Sellers	08-05-1997	04-16-1996
	5,657,860		Koike, et al.	08-19-1997	12-28-1995
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	5,687,058		Roylance	11-11-1997	10-11-1995
	5,695,047		Tanahashi	12-09-1997	07-16-1996
[Signature]	5,703,578		Allison	12-30-1997	01-16-1997
	5,706,167		Lee	01-06-1998	07-18-1996
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				Group Art Unit	To be assigned
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		5,763,842	Tsai, et al.	06-09-1998	11-19-1996
		5,767,464	Dyer, et al.	06-16-1998	12-05-1996
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		5,772,008	Yu, et al.	06-30-1998	07-08-1996
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99		5,777,281	Riddiford	07-07-1998	09-23-1996

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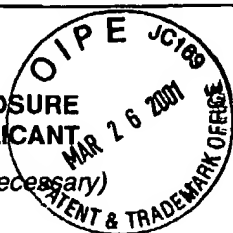
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Sheet 22 of 28

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				Application Number	09/737,015
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				First Name of Inventor	Robert Olodort
				Group Art Unit	To be assigned
				Examiner Name	To be assigned
Sheet	23	of	28	Attorney Docket Number	003256.P010

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Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
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		5,850,194	Lin	12-15-1998	12-22-1997
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		5,901,837	Aimi	05-11-1999	05-06-1998
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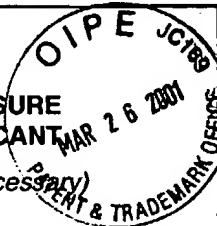
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		5,943,041	Allison, et al.	08-24-1999	04-23-1997
		5,947,616	Liang	09-07-1999	08-24-1998
		5,964,341	Tsai	10-12-1999	07-20-1998
		5,967,298	Watanabe, et al.	10-19-1999	08-08-1997
		5,971,637	Malhi, et al.	10-26-1999	12-10-1996
		5,973,281	Tsai	10-26-1999	07-29-1998

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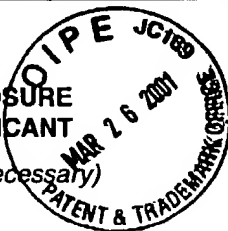
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Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
	Number				
P	5,986,227	Hon		11-16-1999	01-08-1998
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	5,994,655	Tsai		11-30-1999	02-02-1999
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	5,997,196	Hu		12-07-1999	12-18-1998
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	6,020,565	Pan		02-01-2000	12-22-1998

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	6,060,676		Pan	05-09-2000	06-05-1998
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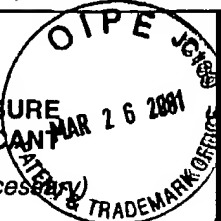


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First Name and Inventor	Robert Olodort
Group Art Unit	To be assigned
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Form PTO-1449 (Modified)	Atty Docket No.: 03256.P010	Serial No.: 09/737,015
List of Patents and Publications Statement (Use several sheets if necessary)	Applicants: Olodort, Robert, et al.	
	Filing Date: December 14, 2000	

REFERENCE DESIGNATION				U.S. PATENT DOCUMENTS			
Exam. Initial		Date	Document Number	Name	Class	Sub-Class	Filing Date
JP		May 6, 1949	2,550,250	Electric Pushbutton	200	159	Apr. 24, 1951
		Mar. 23, 1965	3,174,685	Voting Machine	235	54	Oct. 17, 1962
		Nov. 19, 1974	3,849,611	Manually Operable Keyboard Switch Assembly	200	5	May 21, 1973
		Sept. 30, 1975	3,909,564	Keyboard Assembly With Foldable Printed Circuit Matrix Switch Array, And Key Actuator Locking Slide Plate.	200	5	Aug. 8, 1974
JP		Feb. 2, 1982	4,314,113	Keyswitch Having Contacts Mounted On Cantilever Beams	200	5	Jan. 21, 1980

FOREIGN PATENT DOCUMENTS

No.		Document No.	Date	Country	Name	Class	Sub-Class	Translation

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

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Examiner <i>JP</i>	Date Considered 6-17-04
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Substitut for Form 1449A/PTO (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/737,015
				Filing Date	12-14-00
				First Named Inventor:	Robert Olodort, et al.
				Group Art Unit	2152
				Examiner Name	Not yet assigned
				Attorney Docket Number	03256.P010
Sheet	1	of	2		

U.S. PATENT DOCUMENTS						
Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code ²	Kind (If known)			
D		3,969,600		Sims, Jr.	7-13-1976	

FOREIGN PATENT DOCUMENTS								
Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
D		GB	2315162	A	BEHAVIOR TECH COMPUTER CORP	21-01-1998		
D		EP	0966010	A2	FUJITSU LTD; FUJITSU TAKAMASAWA COMPONENT L (JP)	22-12-1999		
D		EP	1049119	A2	ALPS ELECTRIC CO., LTD	02-11-2000		

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				Application Number	09/737,015
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				Group Art Unit	2152
				Examiner Name	Not yet assigned
Sheet	2	of	2	Attorney Docket Number	03256.P010
OTHER ART - NO PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
DB		Patent Cooperation Treaty, PCT Invitation To Pay Additional Fees (PCT Article 17(3)(a) and Rule 40.1), International Application No. PCT/US 01/49492, Applicant THINK OUTSIDE, INC., Mailing Date, 21-06-02, 5 pages attached.			
		Patent Abstracts Of Japan, Vol. 017, No. 460, 23 August 1993, Publication No. 05109333, Publication Date 04-30-93, Applicant NEC TOHOKU LTD, Inventor MIURA HIDEKI, 1 page attached.			
DB		Patent Abstracts of Japan, Vol. 1999, No. 09, 30 July 1999, Publication No. 11111101, Publication Date 23-04-99, Applicant SMK CORP., Inventor TAKADA YSAUO, 1 page attached.			

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